

Work Order ID 85238

85238

Page 1

June-05-12 9:07:36 AM

Item ID: D412-706-011

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Fuel Purge Canister

Stop ***NS2***

Start Date: 05/06/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 19/06/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/06/05 Tooling:

Date:

Run Start ***NR1***

QC:

Date: SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI 9494	B								
IIN-D412-706	A								
100	DOCUMENT CONTROL	0.00							
100									
DC	Memo	0.00							
Document Control	Photocopy bluefile and create labels per PPP D412-706-011 CHG003								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									

DAS
16
0.2 17/06/15

MLJ 12-10-11



IX SP
12-10-11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Page 2

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Revision ID:

Item Name: Fuel Purge Canister

Stop ***NS2***

Start Date: 05/06/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 19/06/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC4- 100% Inspect kits for completeness Memo	0.00 0.00							
130 *130* Packaging Packaging	Packaging Memo Identify and pack for shipping as per PPPD412-706-011 Location: <u>22</u> PPP Rev: _____	0.00 0.00							12/10/15 <i>sf</i>
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00							12/10/15 <i>MF</i> 12-10-15

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NOTE: Date & initial all entries

Picklist Print

June-05-12 9:07:40 AM

Page 1

Work Order ID: 85238

85238

Parent Item: D412-706-011

D412-706-011

Parent Item Name: Fuel Purge Canister

Start Date: 05/06/2012

Required Date: 19/06/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:E 04.12.03 Remove AN6289-6D; Change Qty of 924-6DKJ/JLM
REV: IPP
IPP Rev:F 08-05-14 revise comment in seq.17/24 DD verified by:EC IPP rev G
10.01.18 per DSI9494 EC verified by:DD IPP Rev:H 10.03.23
as per IIN revA DD verified by:EC IPP Rev:I 10.05.10 as per
chg003 DD verified :EC IPP REV K 11.06.17 AS PER CHG
002 JLM VERIFIED BY:ec

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2001-4 Valve Assembly (1/4")		Manufactured	No			110	Each	12.0000	1	1			
<div> <div>Location</div> <div>ST002</div> <div>77058</div> <div>77201</div> </div> <div> <div>Loc Qty</div> <div>12</div> <div>2</div> <div>10</div> </div> <div> <div>Loc Code</div> </div>													
D3262-043 Canister Assembly		Manufactured	No			110	Each	2.0000	1	1			
<div> <div>Location</div> <div>ST198</div> <div>81919</div> </div> <div> <div>Loc Qty</div> <div>2</div> <div>2</div> </div> <div> <div>Loc Code</div> </div>													
D3264-1 Bracket		Manufactured	No			110	Each	1.0000	2	2			
<div> <div>Location</div> <div>ST198A</div> <div>81920</div> </div> <div> <div>Loc Qty</div> <div>1</div> <div>1</div> </div> <div> <div>Loc Code</div> </div>													

**

**

**

B85254 2x
Sp 12-10-11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Page 2

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Parent Item: D412-706-011

D412-706-011

Parent Item Name: Fuel Purge Canister

Start Date: 05/06/2012

Required Date: 19/06/2012

Start Qty: 1.00

Required Qty: 1.00

D3297-1-0098

Manufactured No

110 Each

4.0000

D3297-1-0098

HOSE ASS'Y



**

SP



Location

Loc Qty

Loc Code

ST191

4

77601

4

D3297-3-0085

Manufactured No

110 Each

3.0000

D3297-3-0085

HOSE ASS'Y



**

SP



Location

Loc Qty

Loc Code

ST191

3

77599

3

D3297-3-0210

Manufactured No

110 Each

4.0000

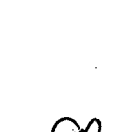
D3297-3-0210

HOSE ASS'Y



**

SP



Location

Loc Qty

Loc Code

ST192

4

75971

1

76204

3

D4054-001

Manufactured No

110 Each

0.0000

D4054-001

Tube Assembly



**

SP



D4054-003

Manufactured No

110 Each

6.0000

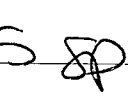
D4054-003

Tube Assembly



**

SP



Location

Loc Qty

Loc Code

ST193

6

83020

6

SP 12-10-11

IX

June-05-12 9:07:41 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Picklist Print

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Work Order ID: 85238

85238

Parent Item: D412-706-011

D412-706-011

Parent Item Name: Fuel Purge Canister

Start Date: 05/06/2012

Required Date: 19/06/2012

Start Qty: 1.00

Required Qty: 1.00

D3298-005

Manufactured No

110 Each

4.0000

D3298-005

Tube Assembly

**

Location

Loc Qty

Loc Code

ST192

4

77593

4

110

Each

3.0000

D3298-007

Manufactured No

D3298-007

Tube Assembly

**

Location

Loc Qty

Loc Code

ST192

3

77600

3

110

Each

6.0000

D4054-009

Manufactured No

D4054-009

Tube Assembly

**

Location

Loc Qty

Loc Code

ST193

6

83021

6

110

Each

4.0000

D3299-7

Manufactured No

D3299-7

Fitting

**

Location

Loc Qty

Loc Code

ST037

4

75977

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 85238

Parent Item: D412-706-011

Parent Item Name: Fuel Purge Canister

85238

D412-706-011

Start Date: 05/06/2012

Required Date: 19/06/2012

Start Qty: 1.00

Required Qty: 1.00

D3299-3

Manufactured No

110 Each

10.0000

D3299-3

Fitting

**

1

SP

Location

Loc Qty

Loc Code

ST037

10

75978

2

82754

8

D3299-5

Manufactured No

110 Each

7.0000

D3299-5

Fitting

**

1

SP

Location

Loc Qty

Loc Code

ST037

7

75979

7

D3301-1

Manufactured No

110 Each

14.0000

D3301-1

Placard

**

1

SP

Location

Loc Qty

Loc Code

ST037

14

77598

2

83161

12

D3301-3

Manufactured No

110 Each

15.0000

D3301-3

Placard

**

1

SP

Location

Loc Qty

Loc Code

ST037

15

77203

5

77856

10

D3302-1

Manufactured No

110 Each

0.0000

D3302-1

Doubler

**

1

SP

BS1921 SP

12-10-11

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Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Picklist Print

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Work Order ID: 85238

85238

Parent Item: D412-706-011

D412-706-011

Parent Item Name: Fuel Purge Canister

Start Date: 05/06/2012

Required Date: 19/06/2012

Start Qty: 1.00

Required Qty: 1.00

D3302-3

Manufactured No

110

Each

5.0000

D3302-3
Doubler

**

B77594 SP

Location

Loc Qty

Loc Code

ST198

5

83015

5

110

Each

21.0000

Manufactured No

D3329-1
D3329-1
Bushing

**

SP

Location

Loc Qty

Loc Code

ST038

21

73096

1

83016

20

110

Each

980.0000

Purchased No

AN3-5A
AN3-5A
Bolt

**

2x
m122800 SP

Location

Loc Qty

Loc Code

ST350

980

115371

46

117423

124

118626

31

119355

200

120187

500

121185

79

110

Each

6.0000

Purchased No

AN814-8D
AN814-8D
Plug

**

SP 12-10-11

Location

Loc Qty

Loc Code

ST324

6

119000

6

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Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 85238

Parent Item: D412-706-011

Parent Item Name: Fuel Purge Canister

85238

D412-706-011

Start Date: 05/06/2012

Required Date: 19/06/2012

Start Qty: 1.00

Required Qty: 1.00

AN815-6D

Purchased

No

110

Each

14.0000

AN815-6D

Union-M-Flare

**

2

M122807 SP

Location

Loc Qty

Loc Code

ST324

6

121390

6

ST325

8

119396

6

119433

2

AN815-8D

Purchased

No

110

Each

7.0000

AN815-8D

Union-M-Flare

**

1

SP.

Location

Loc Qty

Loc Code

ST324

5

121166

5

ST325

2

119546

2

AN832-6D

Purchased

No

110

Each

34.0000

AN832-6D

UNION

**

1

SP.

Location

Loc Qty

Loc Code

ST326

34

120693

34

AN833-6D

Purchased

No

110

Each

18.0000

AN833-6D

Elbow, Bulkhead-M-Flare

**

1

SP 12-10-11

Location

Loc Qty

Loc Code

ST327

15

121584

15

ST328

3

119546

3

June-05-12 9:07:41 AM

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Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 85238

Parent Item: D412-706-011

Parent Item Name: Fuel Purge Canister

85238

D412-706-011

Start Date: 05/06/2012

Required Date: 19/06/2012

Start Qty: 1.00

Required Qty: 1.00

AN833-8D

Purchased

No

110

Each

3.0000

AN833-8D
ELBOW

**



SP

SP

Location

Loc Qty

Loc Code

ST327

3

120308

3

110

Each

14.0000

AN924-6D

Purchased

No

AN924-6D
Nut

**



1X

2x m122141 SP

Location

Loc Qty

Loc Code

ST329

14

120693

4

121390

10

110

Each

6.0000

AN924-8D

Purchased

No

AN924-8D
NUT

**



2x

SP

SP

Location

Loc Qty

Loc Code

ST329

6

119510

6

110

Each

7.0000

AN938-6D

Purchased

No

AN938-6D
Tee

**



1X

SP

SP

Location

Loc Qty

Loc Code

ST330

7

119510

7

110

Each

0.0000

AN960ID10L

NAS1149D0332J

Purchased

No

AN960ID10L
Washer

**



1X

m122973

SP 12-10-11

SP

June-05-12 9:07:42 AM

Shop Packet Print

Page 7

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 85238

Parent Item: D412-706-011

Parent Item Name: Fuel Purge Canister

85238

D412-706-011

Start Date: 05/06/2012

Required Date: 19/06/2012

Start Qty: 1.00

Required Qty: 1.00

AN960JD10

NAS1149D0363J

Purchased

No

110

Each

0.0000

AN960.1D10

Washer

AN960JD916

NAS1149D0963J

Purchased

No

110

Each

0.0000

AN960.1D916

WASHER

MS21042L3

Purchased

No

110

Each

2,157.000

MS21042L3

Nut

Location

Loc Qty

Loc Code

ST300

2157

117885

32

119017

952

119075

138

121349

215

121444

820

MS21919-WDG9

Purchased

No

110

Each

195.0000

MS21919-WDG9

Clamp

Location

Loc Qty

Loc Code

328

195

120986

195

MS21920-42

Purchased

No

110

Each

10.0000

MS21920-42

CLAMP(per MIL-DTL-8783C)

Location

Loc Qty

Loc Code

ST451

10

119659

8

119673

2

** 8 8 M122378 SP

** 2 6 M122452 SP

** 4 4 M123265 SP

** 2 2 SP

** 2 2 SP 12-10-11

2x

2x

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Work Order ID: 85238

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Parent Item: D412-706-011

D412-706-011

Parent Item Name: Fuel Purge Canister

Start Date: 05/06/2012

Required Date: 19/06/2012

Start Qty: 1.00

Required Qty: 1.00

MS29512-06

Purchased

No

110

Each

14.0000

**

MS29512-06

O-RING

Location

Loc Qty

Loc Code

ST293

14

121166

14

MS29512-08

Purchased

No

110

Each

9.0000

**

MS29512-08

O-RING

Location

Loc Qty

Loc Code

ST293

5

121415

5

ST294

4

113706

1

119510

3

MS35489-16

Purchased

No

110

Each

22.0000

**

MS35489-16

GROMMET

Location

Loc Qty

Loc Code

ST295

22

118006

12

121255

10

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W/O:		WORK ORDER CHANGES					
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-706 REV. A AND ICA-D412-706 REV. 0

REF TCCA STC: SH04-54
REF FAA STC: SR02055NY
REF. EASA STC: EASA.IM.R.S.01180

DESCRIPTION:

AT CHG 002, THE D412-706-011 FUEL PURGE CANISTER INSTALLATION HAS BEEN MODIFIED WITH LARGER VENT LINES TO ELIMINATE BACK PRESSURE THAT MAY OCCUR WHEN STARTING THE SECOND ENGINE IF THE CANISTER HAS NOT BEEN PROPERLY DRAINED. THE BACK PRESSURE IS EVIDENCED BY AN ONGOING VAPOR DISCHARGE FROM THE CANISTER VENT AT LOW TO MEDIUM RPM WHILE STARTING THE 2nd ENGINE. THE UPDATED PARTS LIST IS SHOWN BELOW:

IS

QTY -011	PART NUMBER	DESCRIPTION
X	D412-706-011	FUEL PURGE CANISTER INSTALLATION (212/412)
1	D2001-4	VALVE ASSEMBLY
1	D3262-043	CANISTER ASSEMBLY (WAS D3262-041)
2	D3264-1	BRACKET
1	D3297-1-0098	HOSE ASSEMBLY
1	D3297-3-0085	HOSE ASSEMBLY
1	D3297-3-0210	HOSE ASSEMBLY
1	D4054-001	TUBE ASSEMBLY (WAS D3298-001)
1	D4054-003	TUBE ASSEMBLY (WAS D3298-003)
1	D3298-005	TUBE ASSEMBLY
1	D3298-007	TUBE ASSEMBLY
1	D4054-009	TUBE ASSEMBLY (WAS D3298-009)
1	D3299-7	FITTING (WAS 3299-1)
1	D3299-3	FITTING
1	D3299-5	FITTING
1	D3301-1	PLACARD
1	D3301-3	PLACARD
1	D3302-1	DOUBLER
1	D3302-3	DOUBLER
2	D3329-1	BUSHING

Continue on next sheet

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 05238 MJS
12/06/05

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE #02)

DATE: 11.06.06
CERT. NO.: SH04-54
ISSUE NO.: 1

B	SHEET 2: D412-706-011 KIT: QTY(7) MS29512-06 WAS QTY(8), QTY(3) MS29512-08 WAS QTY(2), MS35489-16 WAS MS35489-11; DSI 9494-011 KIT P/L: ADDED AN814-8D PLUG AND MS35489-16 GROMMET, QTY(3) MS29512-08 O-RING WAS QTY(2). SHEET 3: AN814-8D PLUG WAS AN814-6D PLUG AND MS29512-08 WAS MS29512-06. REASON: NCR11-641.	MB	11.06.03
A	NEW ISSUE	RF	10.01.07
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	R	HAWKESBURY, ONTARIO, CANADA	
CHECKED	IP	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9494	SHEET 1 OF 3
APPROVED	CH	TITLE	SCALE
DE APPR.	CH	212/412 CANISTER UPGRADE KIT	NTS
DATE	11.06.03		
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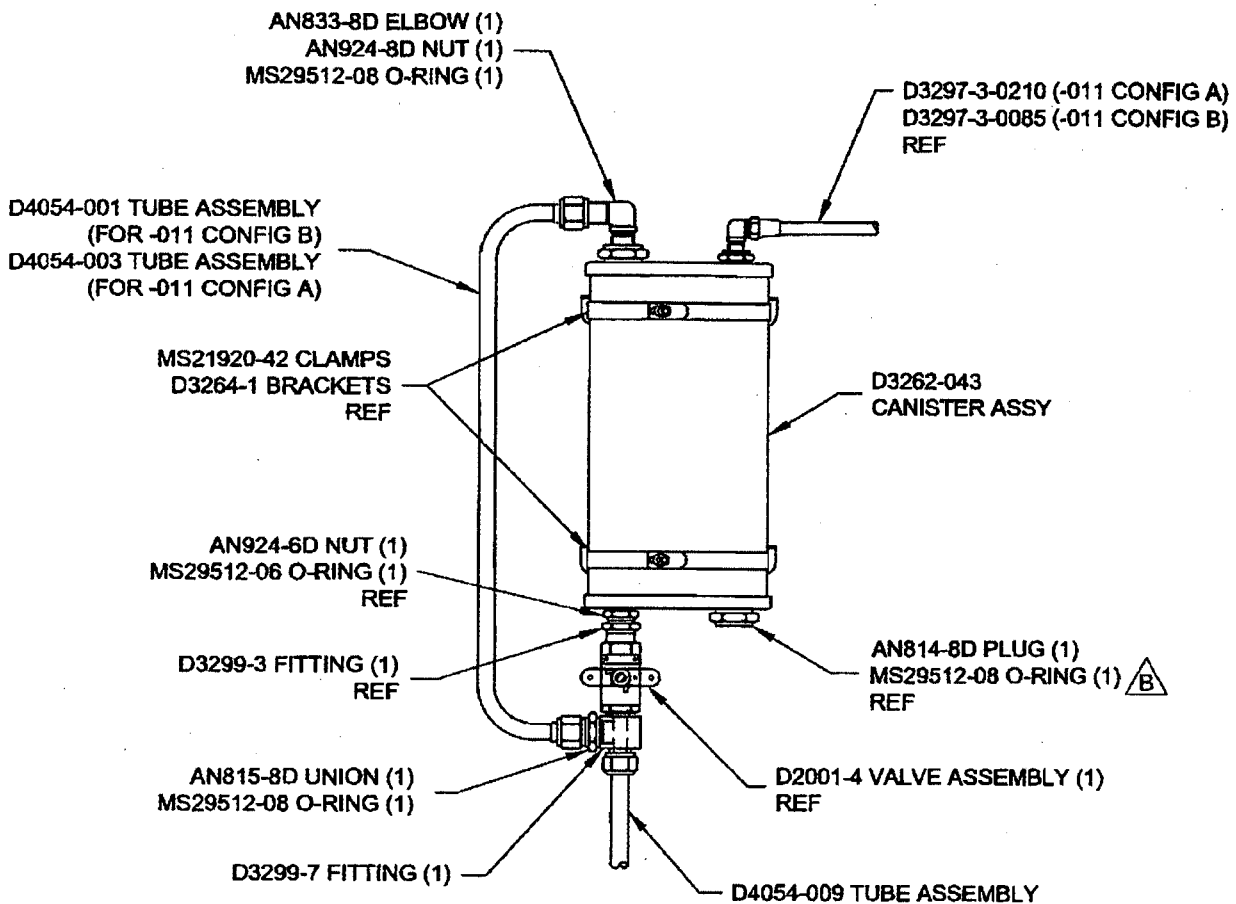


FIGURE 1. CANISTER ASSEMBLY
(-011 INSTALLATION AT CHG 002)

NOTE: FOR THE LARGER D4054-009 LINE, CUSTOMER MUST DRILL A $\varnothing 0.813$ HOLE AND INSTALL MS35489-16 GROMMET INSTEAD OF MS35489-11 GROMMET IN BELLY SKIN.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)
DATE: 11.06.06
CERT. NO.: SH04-54
ISSUE NO.: 1

DESIGN	REF	DART AEROSPACE LTD	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	DSI 9494	SHEET 3 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212/412 CANISTER UPGRADE KIT	NTS
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05238

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-706 REV. A AND ICA-D412-706 REV. 0

REF TCCA STC: SH04-54
REF FAA STC: SR02055NY
REF. EASA STC: EASA.IM.R.S.01180

REFERENCE ONLY

DESCRIPTION:

AT CHG 002, THE D412-706-011 FUEL PURGE CANISTER INSTALLATION HAS BEEN MODIFIED WITH LARGER VENT LINES TO ELIMINATE BACK PRESSURE THAT MAY OCCUR WHEN STARTING THE SECOND ENGINE IF THE CANISTER HAS NOT BEEN PROPERLY DRAINED. THE BACK PRESSURE IS EVIDENCED BY AN ONGOING VAPOR DISCHARGE FROM THE CANISTER VENT AT LOW TO MEDIUM RPM WHILE STARTING THE 2nd ENGINE. THE UPDATED PARTS LIST IS SHOWN BELOW:

IS

QTY -011	PART NUMBER	DESCRIPTION
X	D412-706-011	FUEL PURGE CANISTER INSTALLATION (212/412)
1	D2001-4	VALVE ASSEMBLY
1	D3262-043	CANISTER ASSEMBLY (WAS D3262-041)
2	D3264-1	BRACKET
1	D3297-1-0098	HOSE ASSEMBLY
1	D3297-3-0085	HOSE ASSEMBLY
1	D3297-3-0210	HOSE ASSEMBLY
1	D4054-001	TUBE ASSEMBLY (WAS D3298-001)
1	D4054-003	TUBE ASSEMBLY (WAS D3298-003)
1	D3298-005	TUBE ASSEMBLY
1	D3298-007	TUBE ASSEMBLY
1	D4054-009	TUBE ASSEMBLY (WAS D3298-009)
1	D3299-7	FITTING (WAS 3299-1)
1	D3299-3	FITTING
1	D3299-5	FITTING
1	D3301-1	PLACARD
1	D3301-3	PLACARD
1	D3302-1	DOUBLER
1	D3302-3	DOUBLER
2	D3329-1	BUSHING

Continue on next sheet

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.06.06
CERT. NO.: SH04-54
ISSUE NO.: 1

B	SHEET 2: D412-706-011 KIT: QTY(7) MS29512-06 WAS QTY(8), QTY(3) MS29512-08 WAS QTY(2), MS35489-16 WAS MS35489-11; DSI 9494-011 KIT P/L: ADDED AN814-8D PLUG AND MS35489-16 GROMMET, QTY(3) MS29512-08 O-RING WAS QTY(2). SHEET 3: AN814-8D PLUG WAS AN814-6D PLUG AND MS29512-08 WAS MS29512-06. REASON: NCR11-641.	MB	11.06.03
A	NEW ISSUE	RF	10.01.07
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	B	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JP	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9494	SHEET 1 OF 3
APPROVED	CH	TITLE	SCALE
DE APPR.	CH	212/412 CANISTER UPGRADE KIT	NTS
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REFERENCE ONLY

Continue from previous sheet

B	4	AN3-5A	BOLT
	1	AN814-8D	PLUG
	2	AN815-6D	UNION
	1	AN815-8D	UNION (WAS AN815-6D)
	1	AN832-6D	UNION
	1	AN833-6D	ELBOW
	1	AN833-8D	ELBOW (WAS AN833-6D)
	4	AN924-6D	NUT
	1	AN924-8D	NUT (WAS AN924-6D)
	1	AN938-6D	TEE
	4	AN960JD10L	WASHER (OR NAS1149D0332J)
	8	AN960JD10	WASHER (OR NAS1149D0363J)
	2	AN960JD916	WASHER
	4	MS21042L3	NUT
	2	MS21919WDG9	CLAMP
	2	MS21920-42	CLAMP
B	7	MS29512-06	O-RING (WAS MS28778-6)
	3	MS29512-08	O-RING (WAS MS28778-8)
	1	MS35489-16	GROMMET

FOR CUSTOMERS WHO HAVE EXPERIENCED THIS PROBLEM IN SERVICE, THE DSI 9494-011 UPGRADE KIT IS AVAILABLE TO UPGRADE THE INSTALLATION FROM CHG 001 TO CHG 002.

QTY -011	PART NUMBER	DESCRIPTION
X	DSI 9494-011	212/412 CANISTER UPGRADE KIT
1	D3262-043	CANISTER ASSEMBLY
1	D4054-001	TUBE ASSEMBLY
1	D4054-003	TUBE ASSEMBLY
1	D4054-009	TUBE ASSEMBLY
1	D3299-7	FITTING
B	1	AN814-8D
	1	AN815-8D
	1	AN833-8D
	1	AN924-8D
B	3	MS29512-08
	1	MS35489-16

WEIGHT AND BALANCE:
NO CHANGE

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)
DATE: 11.06.06
CERT. NO.: SH04-54
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DESIGN	RF	DART AEROSPACE LTD	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	DSI 9494	SHEET 2 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212/412 CANISTER UPGRADE KIT	NTS
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